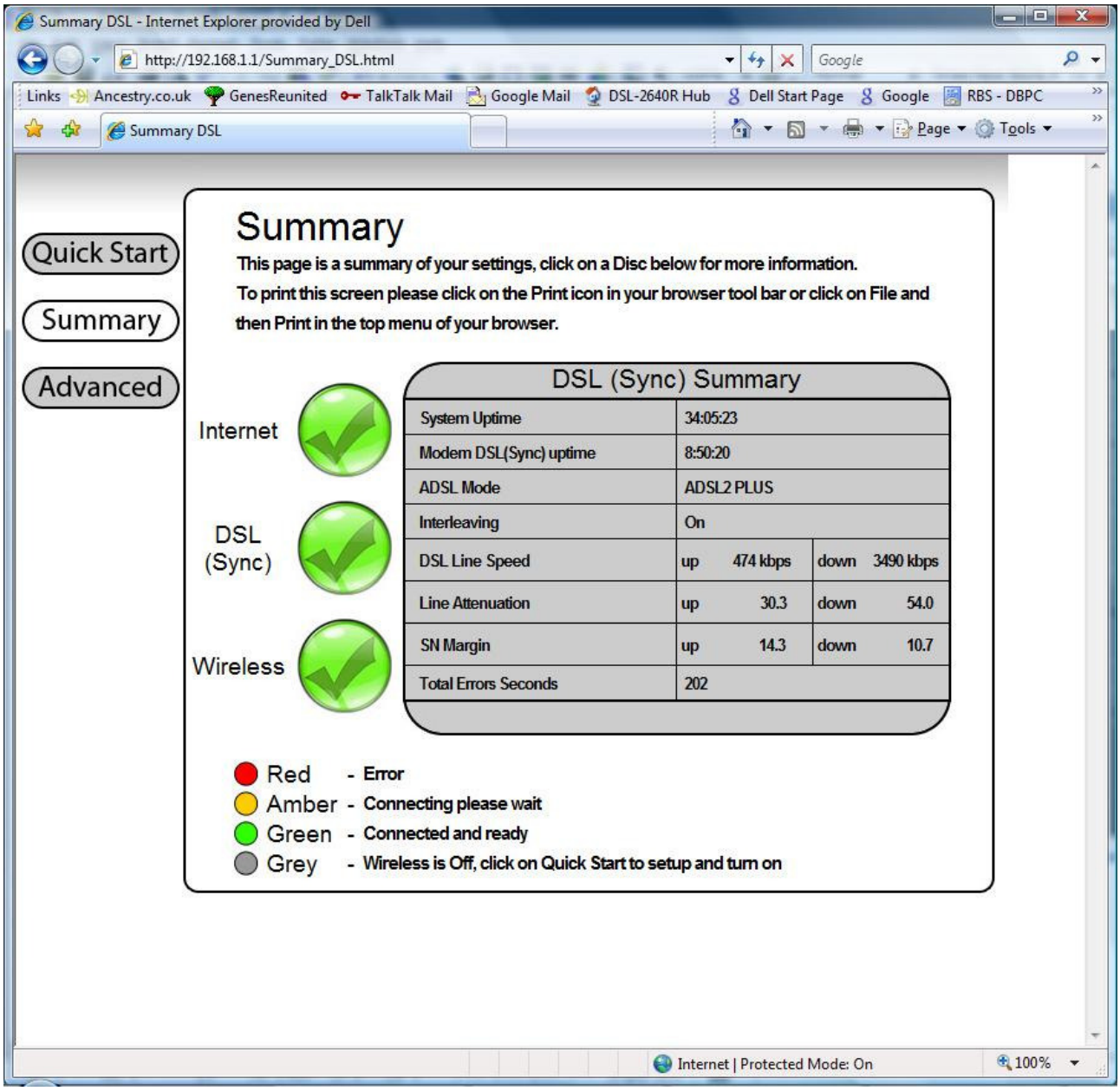
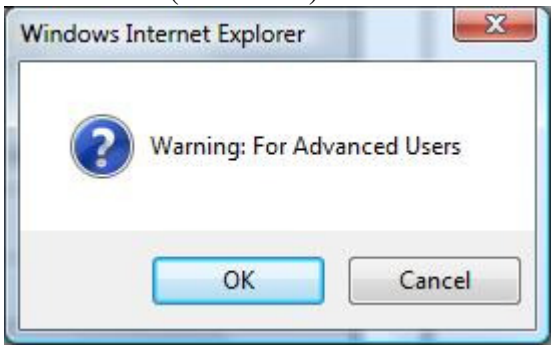
D-Link DSL-2640R User Guide

Wireless Config.

Access the management page from your browser. (Internet Explorer, Firefox, Etc.)
The URL is : http://192.168.1.1 A page similar to the following will be shown:
(Note, I have selected the DSL summary page so that my log on details are not displayed in this guide :o)


Summary DSL - Internet Explorer provided by Dell
http://192.168.1.1/Summary_DSL.html
Summary DSL
Quick Start
Summary
Advanced
Summary
This page is a summary of your settings, click on a Disc below for more information.
To print this screen please click on the Print icon in your browser tool bar or click on File and then Print in the top menu of your browser.
Internet
DSL (Sync)
Wireless
DSL (Sync) Summary
System Uptime 34:05:23
Modem DSL(Sync) uptime 8:50:20
ADSL Mode ADSL2 PLUS
Interleaving On
DSL Line Speed up 474 kbps down 3490 kbps
Line Attenuation up 30.3 down 54.0
SN Margin up 14.3 down 10.7
Total Errors Seconds 202
Red - Error
Amber - Connecting please wait
Green - Connected and ready
Grey - Wireless is Off, click on Quick Start to setup and turn on
Internet | Protected Mode: On
100%

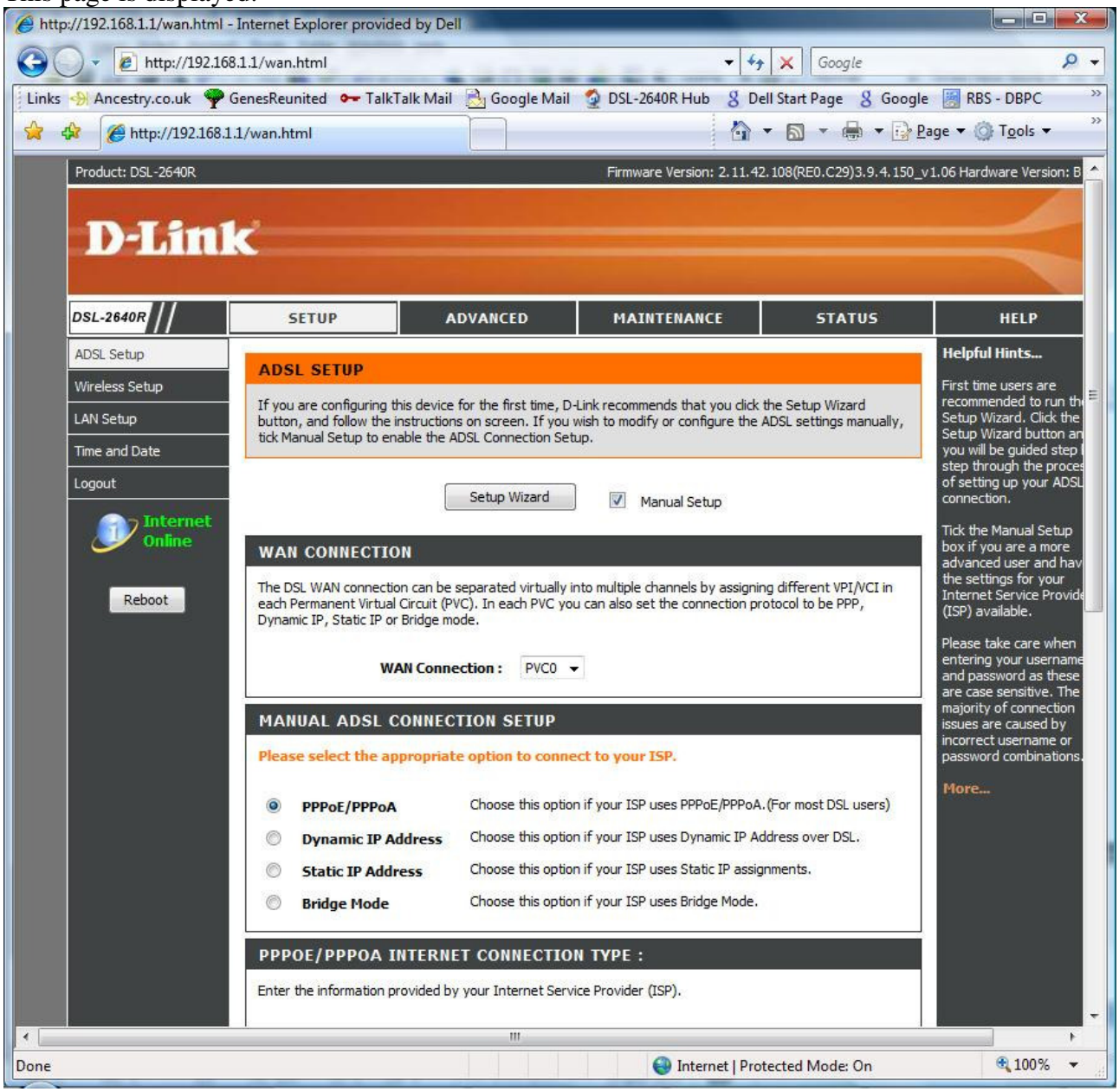
Click on the (Advanced) button



Select [OK]

D-Link DSL-2640R User Guide

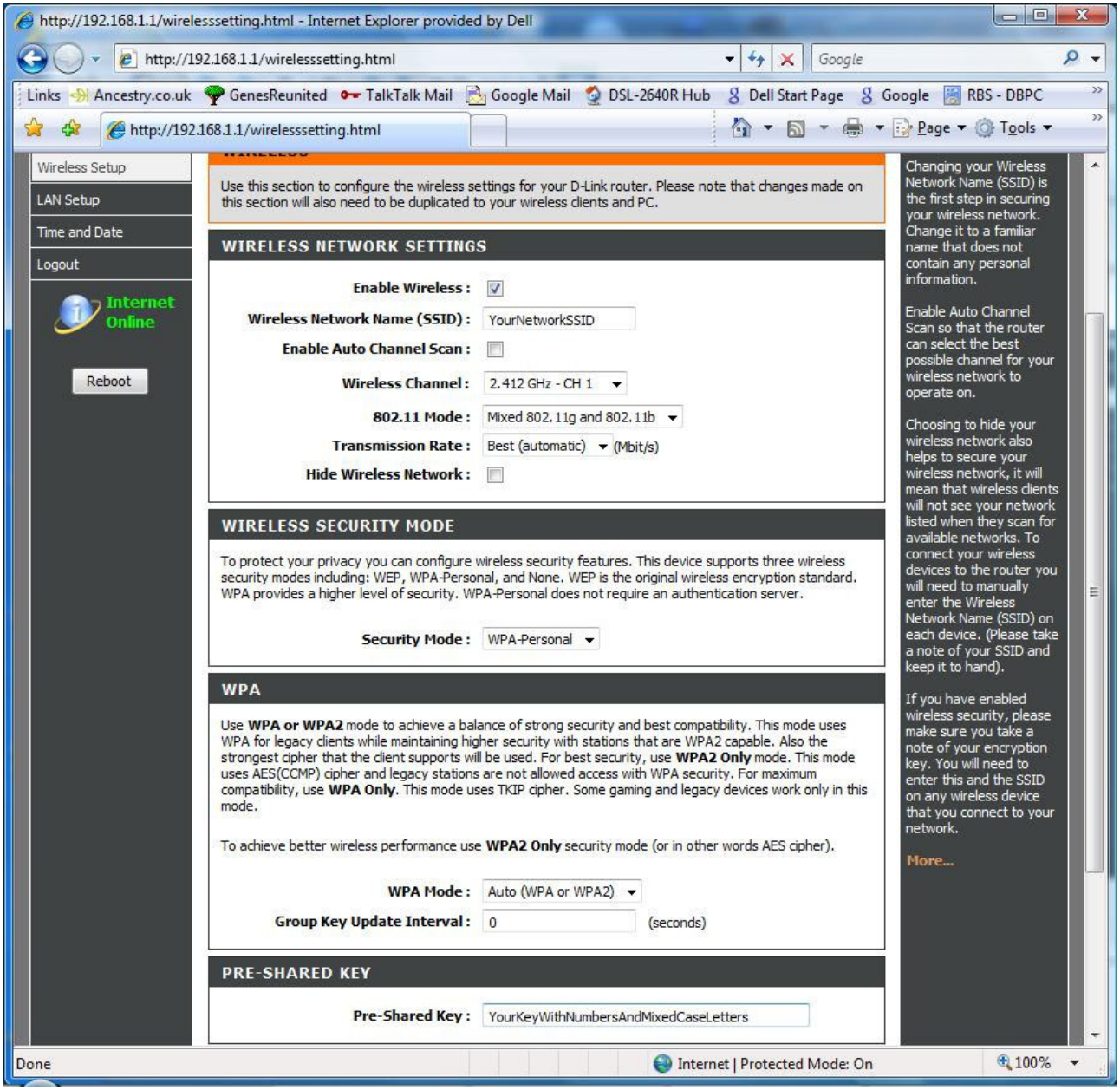
This page is displayed:


http://192.168.1.1/wan.html - Internet Explorer provided by Dell
http://192.168.1.1/wan.html
Product: DSL-2640R
Firmware Version: 2.11.42.108(RE0.C29)3.9.4.150_v1.06 Hardware Version: B
D-Link
DSL-2640R
SETUP
ADVANCED
MAINTENANCE
STATUS
HELP
ADSL Setup
Wireless Setup
LAN Setup
Time and Date
Logout
Internet Online
Reboot
ADSL SETUP
If you are configuring this device for the first time, D-Link recommends that you click the Setup Wizard button, and follow the instructions on screen. If you wish to modify or configure the ADSL settings manually, tick Manual Setup to enable the ADSL Connection Setup.
Setup Wizard
Manual Setup
WAN CONNECTION
The DSL WAN connection can be separated virtually into multiple channels by assigning different VPI/VCI in each Permanent Virtual Circuit (PVC). In each PVC you can also set the connection protocol to be PPP, Dynamic IP, Static IP or Bridge mode.
WAN Connection :
PVC0
MANUAL ADSL CONNECTION SETUP
Please select the appropriate option to connect to your ISP.
PPPoE/PPPoA
Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)
Dynamic IP Address
Choose this option if your ISP uses Dynamic IP Address over DSL.
Static IP Address
Choose this option if your ISP uses Static IP assignments.
Bridge Mode
Choose this option if your ISP uses Bridge Mode.
PPPOE/PPPOA INTERNET CONNECTION TYPE :
Enter the information provided by your Internet Service Provider (ISP).
Helpful Hints...
First time users are recommended to run th Setup Wizard. Click the Setup Wizard button an you will be guided step step through the proces of setting up your ADSL connection.
Tick the Manual Setup box if you are a more advanced user and hav the settings for your Internet Service Provid (ISP) available.
Please take care when entering your username and password as these are case sensitive. The majority of connection issues are caused by incorrect username or password combinations.
More...
Done
Internet | Protected Mode: On
100%

On this page, click on the “Wireless Setup” link

D-Link DSL-2640R User Guide

A page similar to this should be displayed:


http://192.168.1.1/wirelesssetting.html - Internet Explorer provided by Dell
http://192.168.1.1/wirelesssetting.html
Wireless Setup
LAN Setup
Time and Date
Logout
Internet Online
Reboot
Use this section to configure the wireless settings for your D-Link router. Please note that changes made on this section will also need to be duplicated to your wireless clients and PC.
WIRELESS NETWORK SETTINGS
Enable Wireless :
Wireless Network Name (SSID) : YourNetworkSSID
Enable Auto Channel Scan :
Wireless Channel : 2.412 GHz - CH 1
802.11 Mode : Mixed 802.11g and 802.11b
Transmission Rate : Best (automatic) (Mbit/s)
Hide Wireless Network :
WIRELESS SECURITY MODE
To protect your privacy you can configure wireless security features. This device supports three wireless security modes including: WEP, WPA-Personal, and None. WEP is the original wireless encryption standard. WPA provides a higher level of security. WPA-Personal does not require an authentication server.
Security Mode : WPA-Personal
WPA
Use WPA or WPA2 mode to achieve a balance of strong security and best compatibility. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. Also the strongest cipher that the client supports will be used. For best security, use WPA2 Only mode. This mode uses AES(CCMP) cipher and legacy stations are not allowed access with WPA security. For maximum compatibility, use WPA Only. This mode uses TKIP cipher. Some gaming and legacy devices work only in this mode.
To achieve better wireless performance use WPA2 Only security mode (or in other words AES cipher).
WPA Mode : Auto (WPA or WPA2)
Group Key Update Interval : 0 (seconds)
PRE-SHARED KEY
Pre-Shared Key : YourKeyWithNumbersAndMixedCaseLetters
Changing your Wireless Network Name (SSID) is the first step in securing your wireless network. Change it to a familiar name that does not contain any personal information.
Enable Auto Channel Scan so that the router can select the best possible channel for your wireless network to operate on.
Choosing to hide your wireless network also helps to secure your wireless network, it will mean that wireless clients will not see your network listed when they scan for available networks. To connect your wireless devices to the router you will need to manually enter the Wireless Network Name (SSID) on each device. (Please take a note of your SSID and keep it to hand).
If you have enabled wireless security, please make sure you take a note of your encryption key. You will need to enter this and the SSID on any wireless device that you connect to your network.
More...
Done
Internet | Protected Mode: On
100%

- Click the Enable Wireless box
- Enter your own network name (SSID) in the box
- Set Security Mode: = WPA-Personal
- Set WPA Mode: = Auto (WPA or WPA2)
- Enter your own Pre-Shared Key in the box – This should be a mixture of upper and lower case letters plus some numbers, the more complex the better. You will need to copy this key so that you can use it when setting up your wireless PC
- Click the Apply Settings button
  The page should refresh after a few seconds, your router wireless security is now configured.

D-Link DSL-2640R User Guide

Configure your Wireless PC:

- Now you need to connect your PC to this new wireless network
- Use your Windows (or network card provider's) wireless connection utility
- From the list of available networks, select the SSID you defined above
- Enter the Pre-Shared Key defined above
- Save if prompted
- Connect